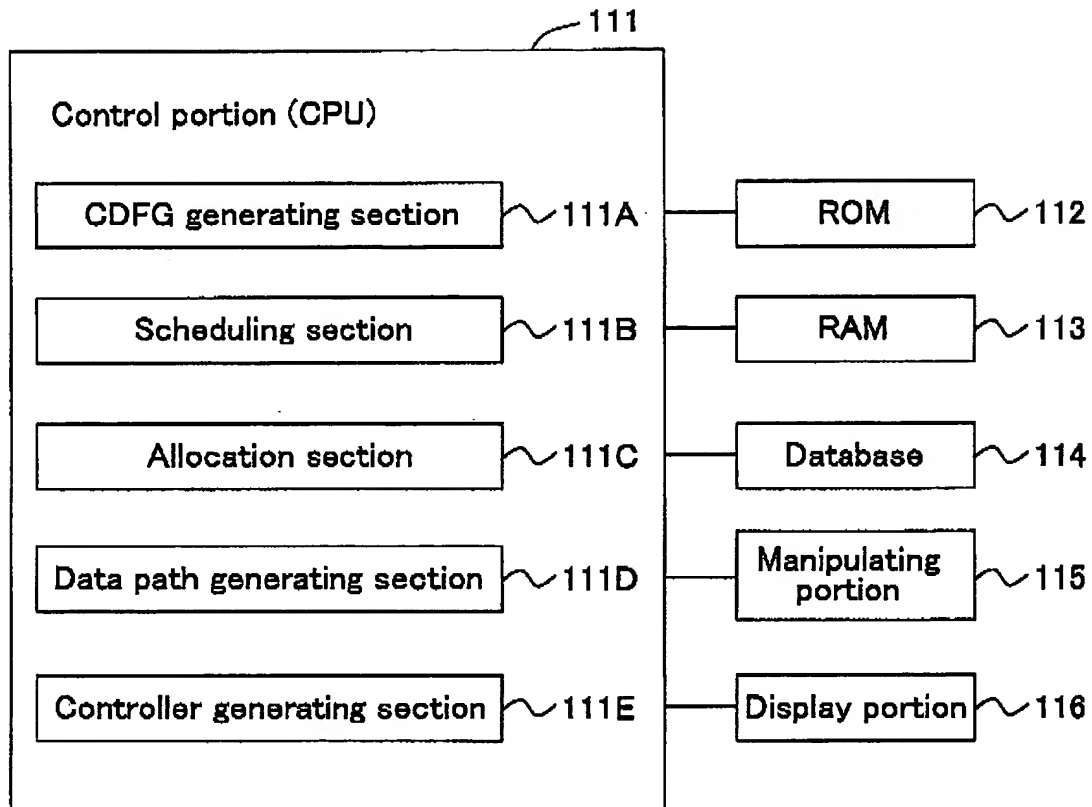


100

FIG.1



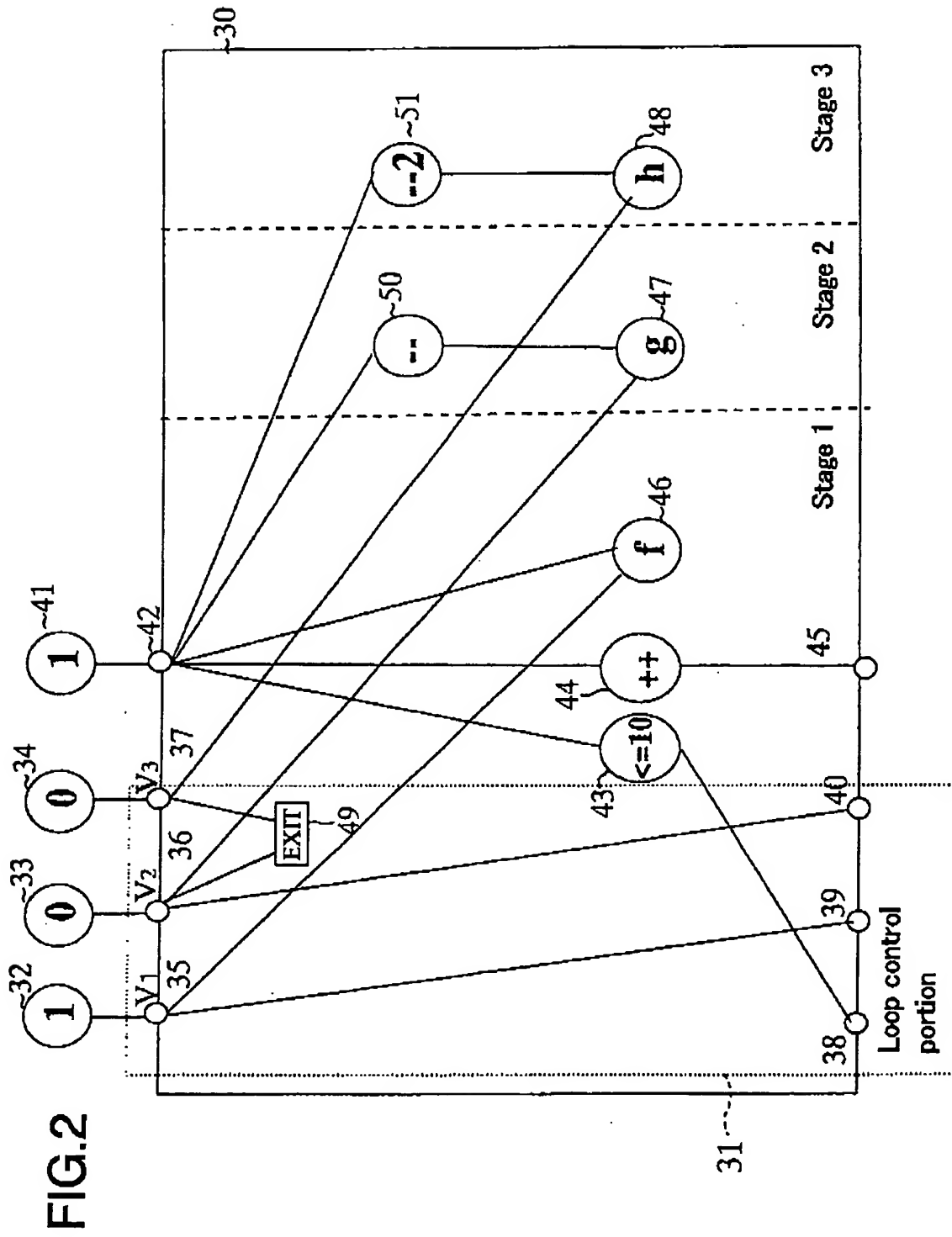


FIG.3

Cycle	V1	V2	V3
1	1	0	0
2	1	1	0
3~10	1	1	1
11	0	1	1
12	0	0	1

FIG.4

Cycle	V1	V2	V3
1	1	0	0
2	0	1	0
3	0	0	1

FIG.5

```
j = 5;  
for (i = 0; i < 10 ; i++)  
{  
    a[i] = i ;  
    j += i ;  
    b[i] = j ;  
}
```

FIG.6

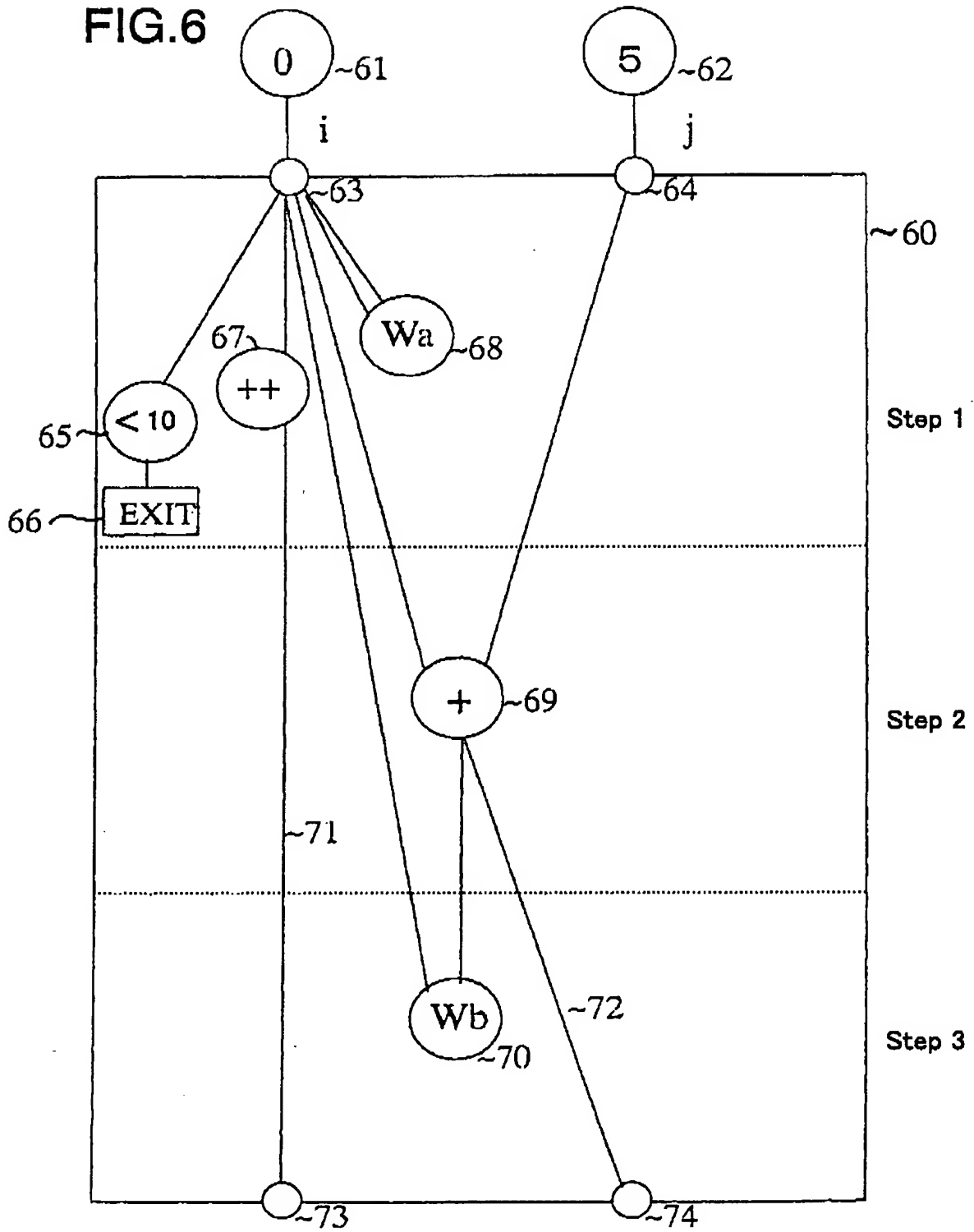


FIG.7

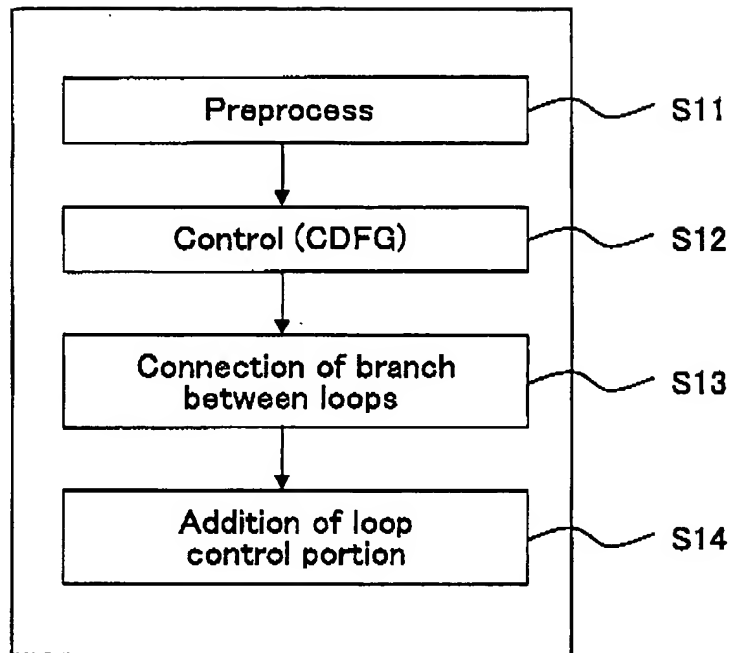


FIG.8A

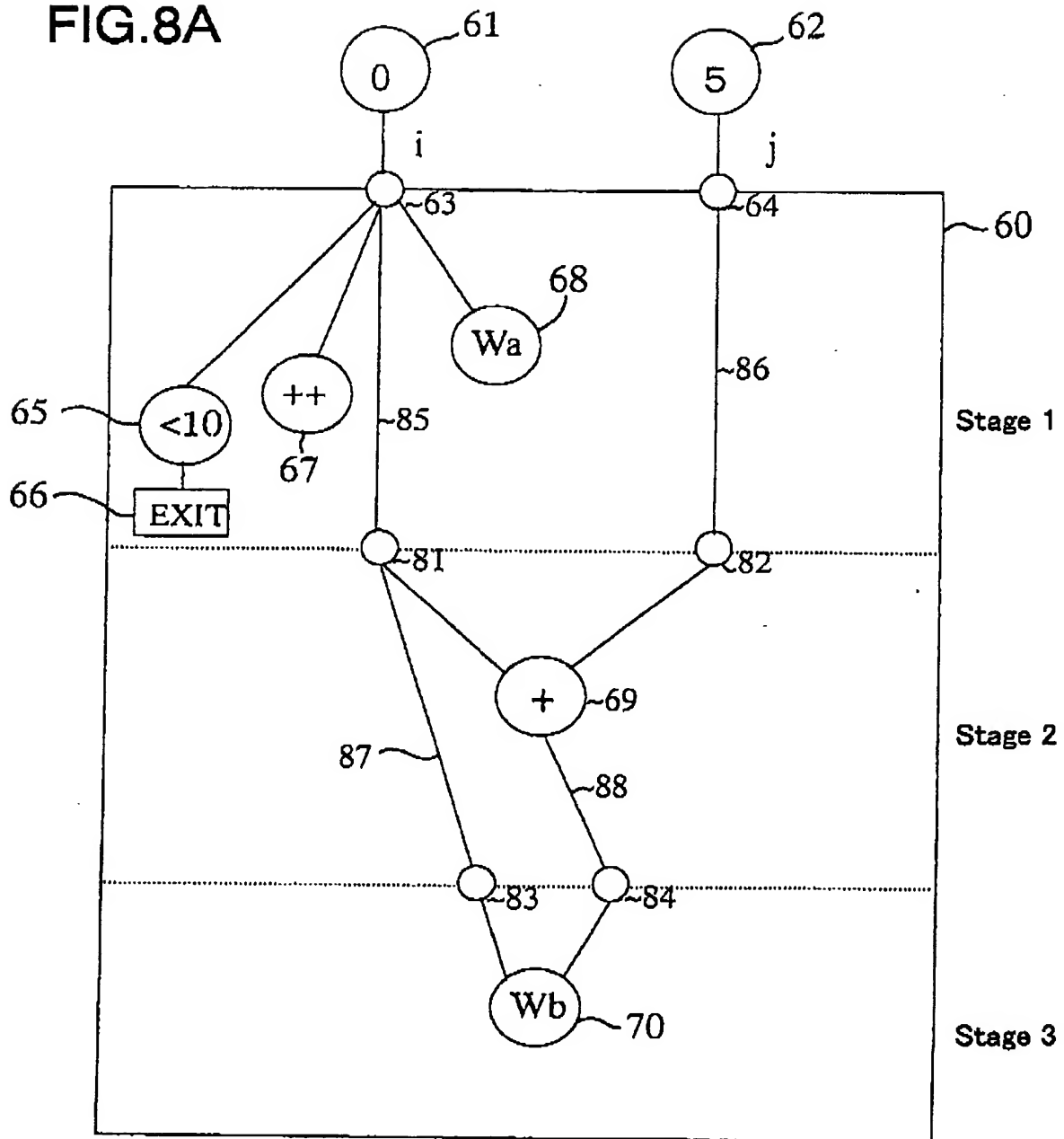


FIG.8B

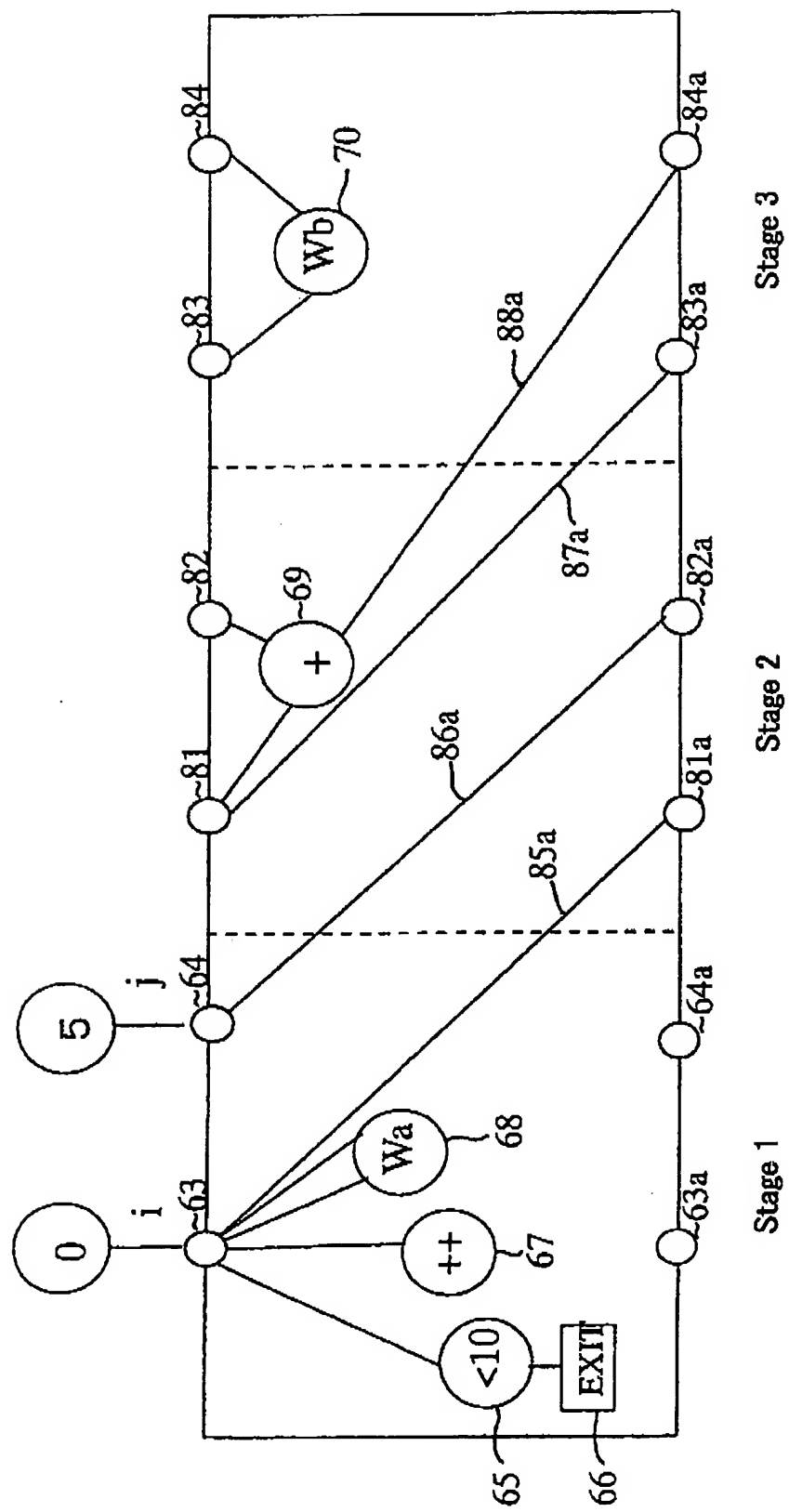


FIG.8C

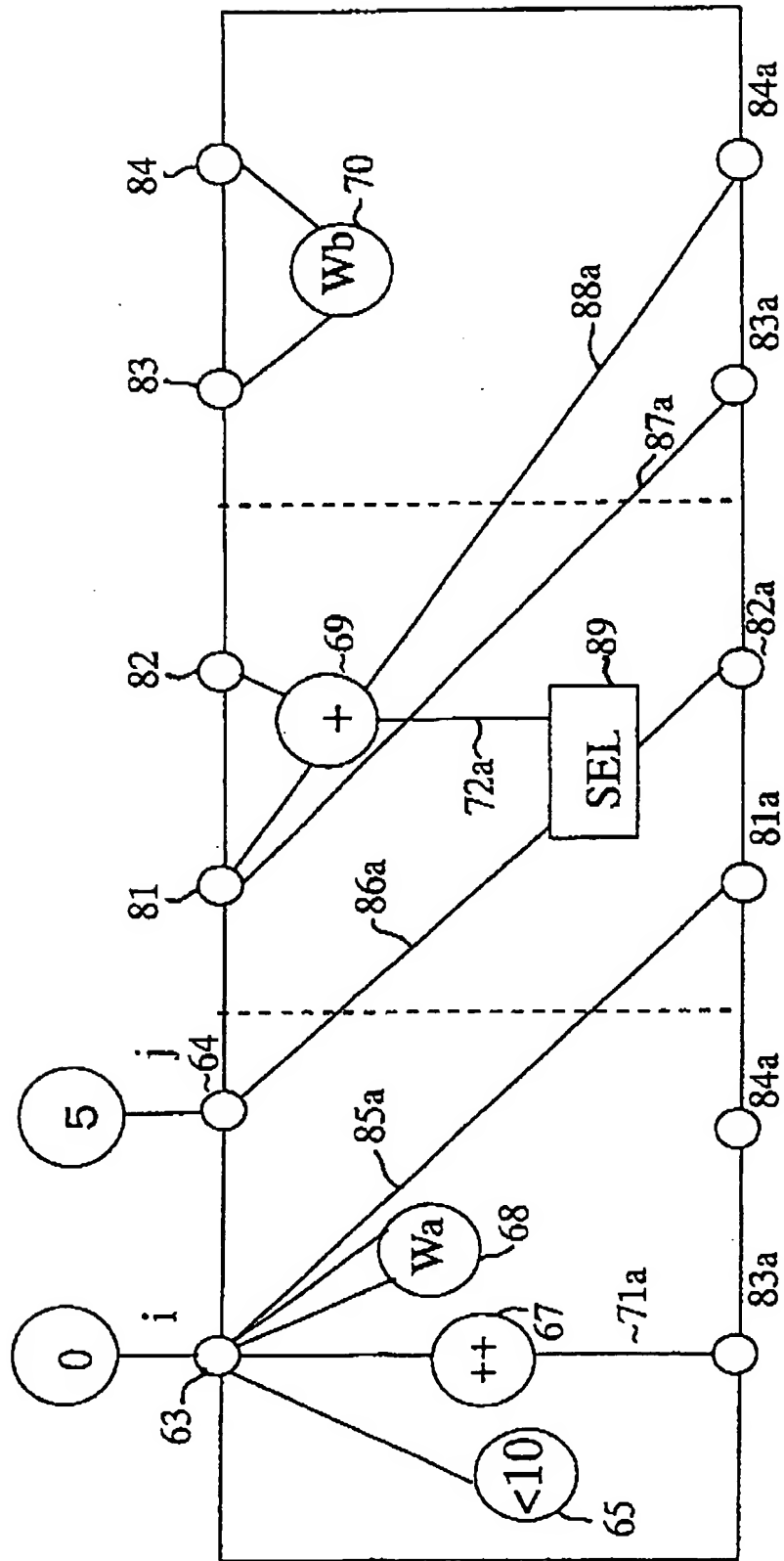


FIG.8D

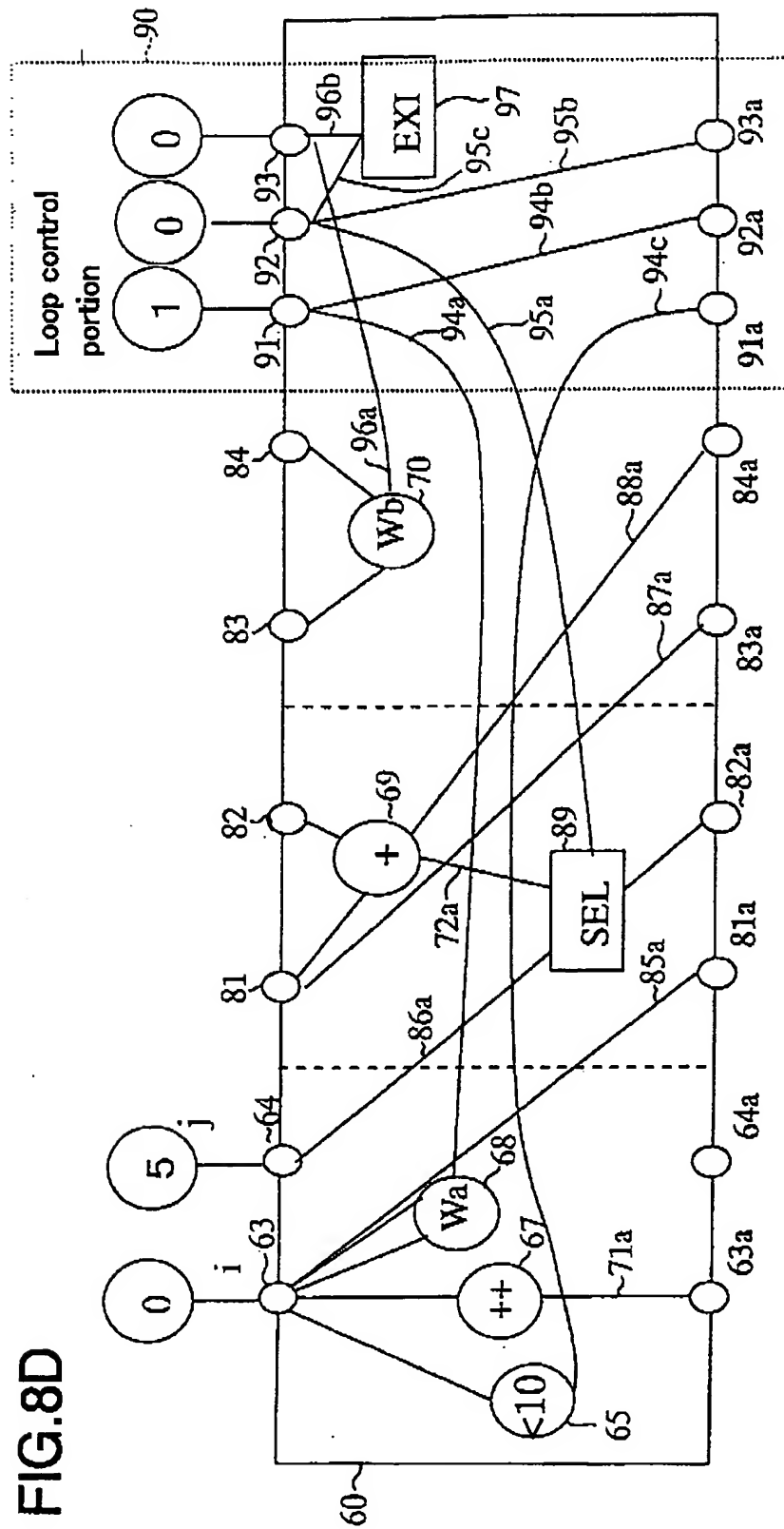


FIG.9

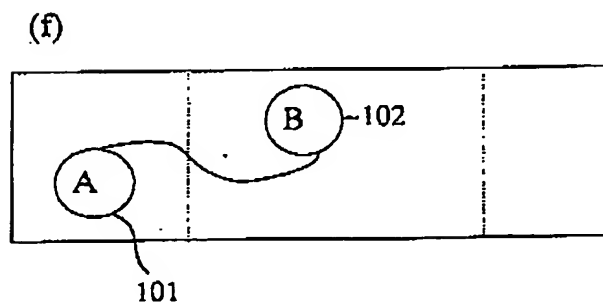
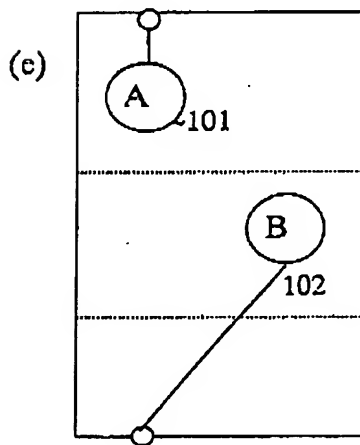
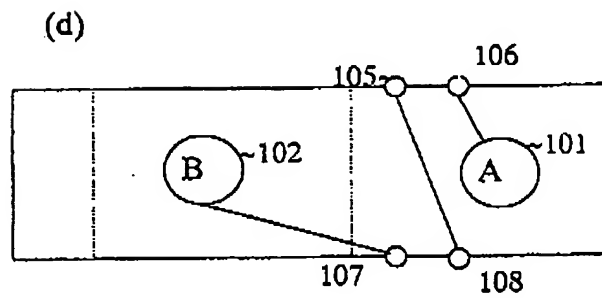
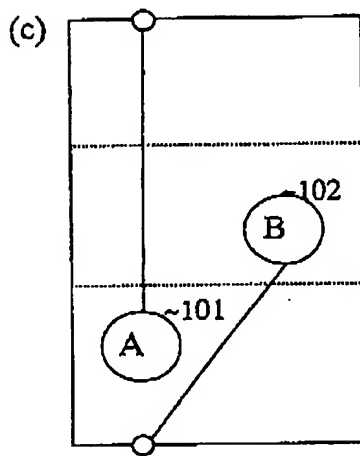
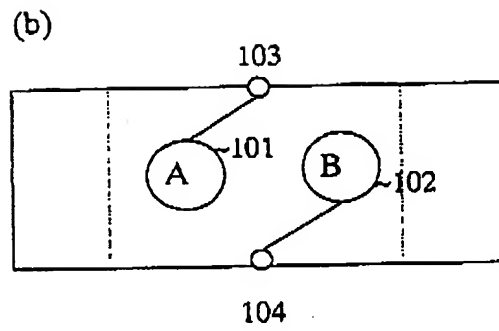
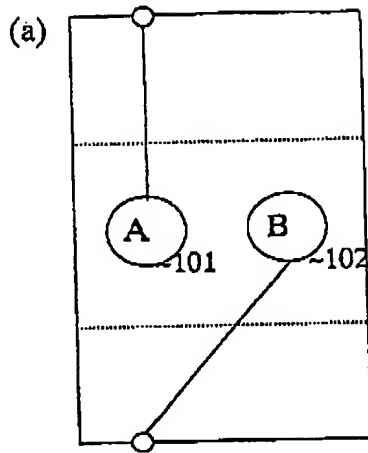


FIG.10

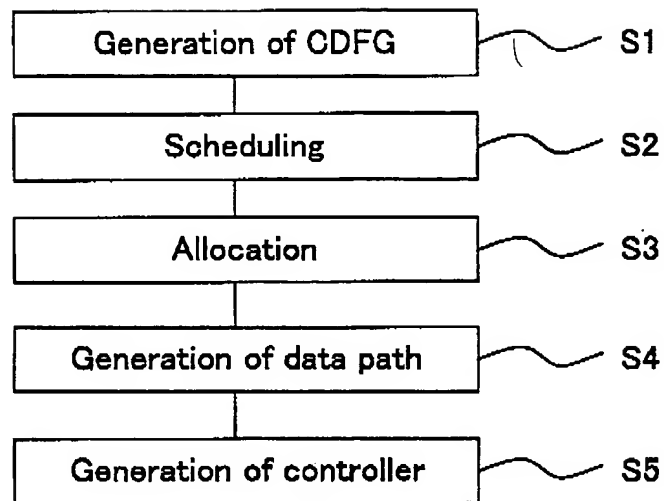


FIG.11

$$x = a \times b + b \times c$$

FIG.12

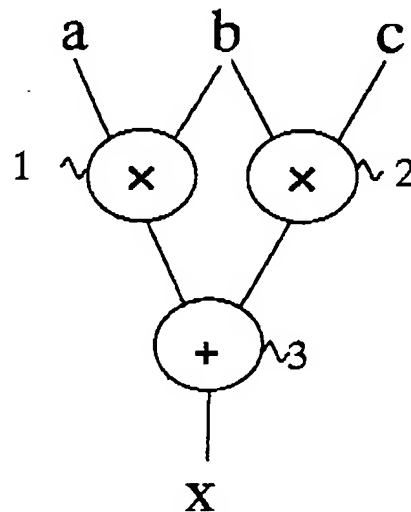


FIG.13

```
struct Node
{
    int  node_id;
    int  in_edge[2];
    int  out_edge[1];
    int  op_type;
}

struct Edge
{
    int  edge_id;
    int  from_node;
    int  to_node;
}
```

FIG.14

```
for( i =0; i <=10 ; i++)
{
    f(i);
    g(i);
    h(i);
}
```

FIG.15

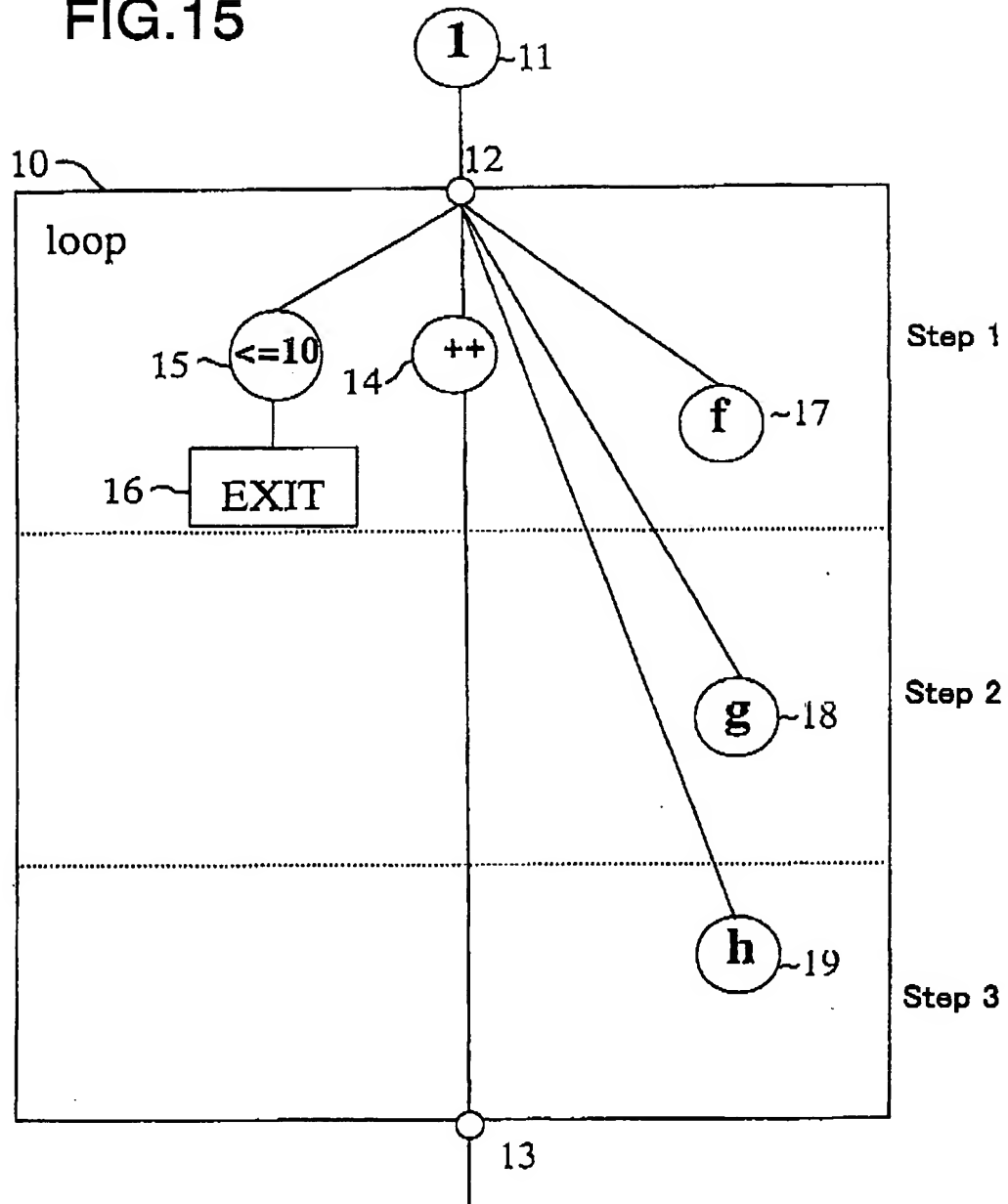


FIG.16

Cycle 1	f(1)
Cycle 2	g(1) f(2)
Cycle 3	h(1) g(2) f(3)
Cycle 4	h(2) g(3) f(4)
Cycle 9	h(7) g(8) f(9)
Cycle 10	h(8) g(9) f(10)
Cycle 11	h(9) g(10)
Cycle 12	h(10)

FIG.17

